

The BURNHAM
Complete Line
of
Heating
Equipment
and
Accessories



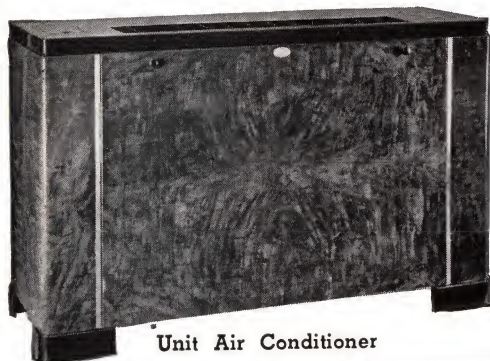
Burnham Boiler Corporation
IRVINGTON, NEW YORK

BURNHAM

UNIT SYSTEM OF WINTER AIR CONDITIONING

EFFICIENT • FLEXIBLE • INEXPENSIVE

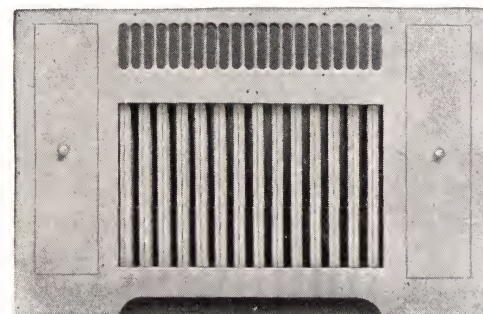
THE UNITS OF THE SYSTEM



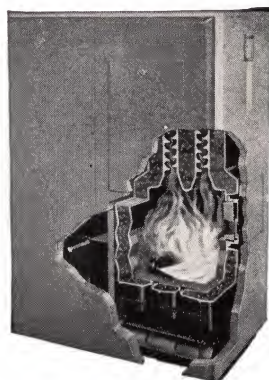
Unit Air Conditioner



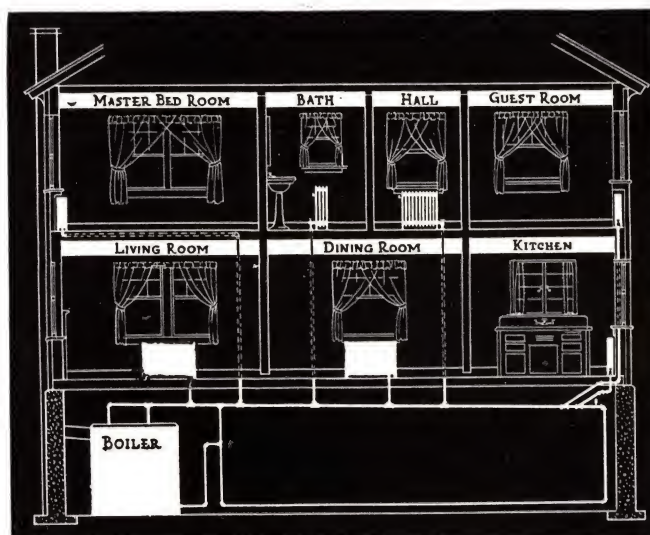
Slenderized Radiators



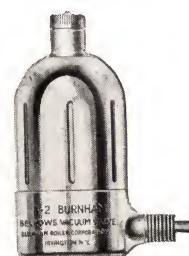
Panel Front Recess Type Slenderized Radiator



Burnham Built-In Oil
Burning Boiler



Showing the Simplicity of the Burnham Unit-Air Conditioning
System of Heating



Radiator and
Vacuum Valves

What Constitutes a Burnham Unit System of Winter Air Conditioning

THE BOILER UNIT

Coal Burning Hand or Stoker Fired
Oil Burning
Conversion—Oil or Coal
Gas Burning

HOT WATER SUPPLY

Biltin Taco Heater (Oil Boilers)
Domestic Hot Water Supply Boiler
Burnham-Taco Tank

HEAT DISTRIBUTING UNITS

Air Conditioner, Filtering, Humidifying, Heating and
Circulating Conditioned Air under Thermostatic
Control
Burnham Slenderized Radiators 40% Faster Heat—
40% Less Space
Burnham Enclosed Slenderized Radiators
Burnham Electric Auxiliary Radiators
Burnham Venting and Radiator Valves

Advantages of the Burnham Unit System

IN THE BUILDING

No Ducts Required—No Tinsmithing
No Special Framing of Floors or Partitions
No Floor or Baseboard Registers
Air Conditioners, Freestanding, Partly Recessed or
Completely Recessed
Slenderized Radiators Require Less Space or can be
Recessed
Requires only Space for the Boiler in the Basement

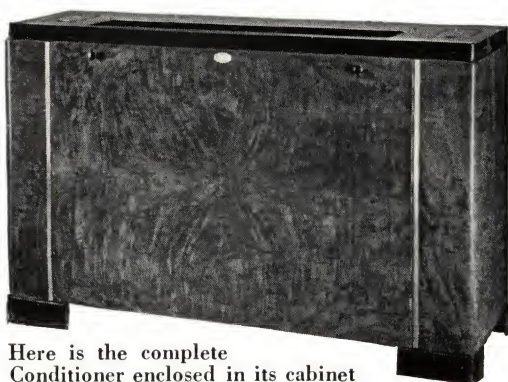
TO THE OWNER

No Floor Drafts
Air or Odors Not Circulated Through the House
Air Filtered, Humidified, Heated and Circulated in
Rooms Requiring It
Air Never Overheated
Direction of Wind No Problem
Any Room May Be Isolated In Case of Sickness With-
Out Affecting System
Individual Room Control

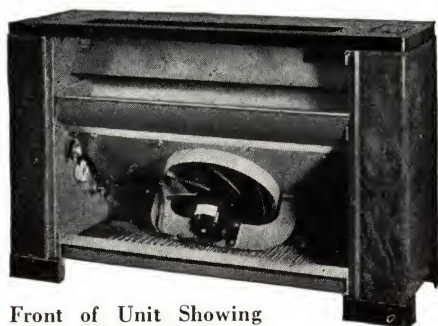
BURNHAM UNIT AIR CONDITIONER

For Winter Air Conditioning And For Circulating Air In Summer

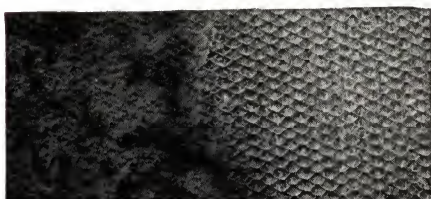
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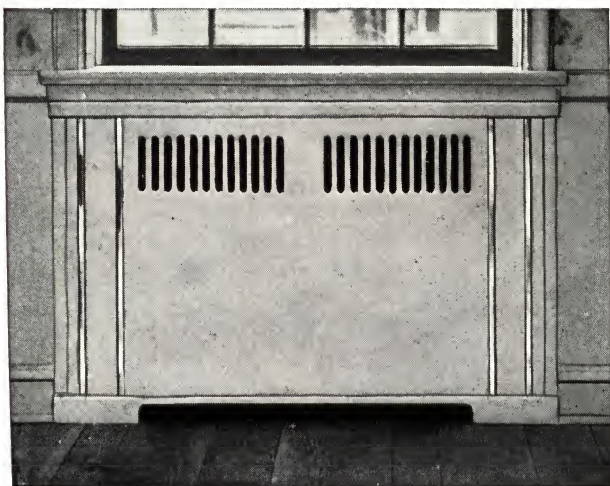
Here is the complete Conditioner enclosed in its cabinet with directional grille on the top. It is 40 inches long, 24 inches high and 13½ inches deep. It is connected to a steam vapor or hot water system the same as any radiator. Can be used on old or new installations.



Front of Unit Showing Filter Rheostat, Motor, Fan and Humidifier.



This shows the double spun glass filter after 3 months use. Half was cleaned off to show how effectually it cleans the air. Glass is oil-impregnated. Catches the finest of dust particles, even to the pollens so trying to asthma and hay fever victims.



Front for enclosing Built-in Conditioner

This Unit Air Conditioner is a room type unit which is used in conjunction with any old or new type of radiator heat—Steam, Vapor or Hot Water.

No ducts, registers, big blowers or tinsmithing is required.

The performance of each unit is completely under thermostatic control.

The complete unit consists of an unusually handsome cabinet, heating element, humidifier with hand or automatic valve and overflow, filter, rheostat, fan, motor and thermostat.

Cabinet

40" long, 24" high and 13½" wide finished in Burled Walnut body with black top and legs, trimmed with satin finish stainless steel moulding. Cabinet encloses all piping and fittings. Special grill in top directs heat away from walls and draperies. Two invisible doors in top permit access to all controls within cabinet.

Heating Element

Heating element is of the finned type with a capacity of eighty (80) square feet, tapped both ends 1¼". Can be used with one or two pipe systems.

Humidifier

Humidifier is of the evaporator type, and includes the humidifier pan, hand valve and overflow. Evaporation capacity varies from 6 to 10 gallons per day. Automatic humidifier controls can be furnished at additional cost.

Filter

Filters are spun glass impregnated with an odorless oil which will clean the air of approximately 96% of dirt, dust, germs and pollen. They are of the inexpensive throw-away type and under average conditions should last one heating season. They are easily replaced by removing front panel of cabinet.

Rheostat

Rheostat controls speed of fan and capacity of heating element. At maximum speed, (900 R.P.M.) fan develops approximately four hundred (400) cubic feet of air per minute and heating element forty (40) square feet capacity.

At slowest speed (400 R.P.M.) fan develops one hundred fifty (150) cubic feet of air per minute and heating element forty (40) square feet capacity.

Any speed and capacity between maximum and minimum may be obtained by adjustment of Rheostat.

Fan

Fan is special design of multiple blades and dynamically balanced for noiseless operation. For Fan capacity, refer to information under "Rheostat."

Motor

Motor is of the shaded pole type and with occasional oiling (once per heating season) will last indefinitely. Although it is substantial in size and ruggedly built, it consumes only sixty-three (63) watts at top speed, nine hundred (900) R.P.M. and twenty-seven (27) watts at low speed, four hundred (400) R.P.M. Its horsepower rating is only 1/100th.

Can be furnished in 110 V. 60 cycle A.C., 120 V. 40 and 25 cycle A.C., and 115-120 V. D.C.

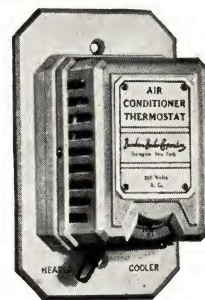
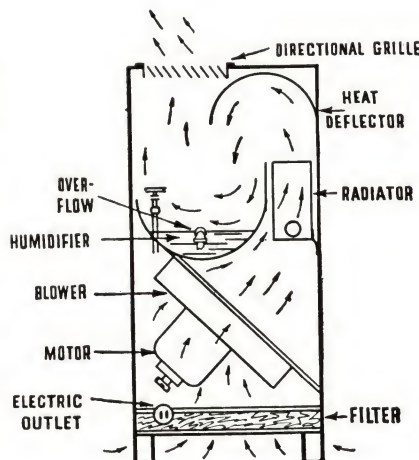
Thermostat

Thermostat is furnished complete with summer-winter switch. It is hooked up direct to the fan. When desired room temperature is reached the Thermostat stops the fan and no more heat is developed from heating element.

By throwing switch over to summer side. Thermostat controls temperature by circulation of room air only.

When desired, the unit can be either partially or entirely recessed with a special front panel.

This diagrammatic sketch shows how the cold layer of air is picked up from the floor, filter cleaned, heated, humidified and then evenly distributed throughout the entire room.



Thermostat

BURNHAM SLENDERIZED CAST IRON RADIATOR UNITS

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Require 40% Less Room — Heat 40% Quicker

The Slenderized Radiator being very narrow, a recess space can be made between the studding under the window, and the radiator set in it entirely out of the way. So good looking is this radiator, that it is being used extensively without any panel front or grille.

Because there is 40% less air to be pushed out for steam, and 40% less water to be moved for hot water, combined with the freer circulation of air between tubes and consequent increased contacting of the surfaces, heating is that much quicker.

THREE-TUBE

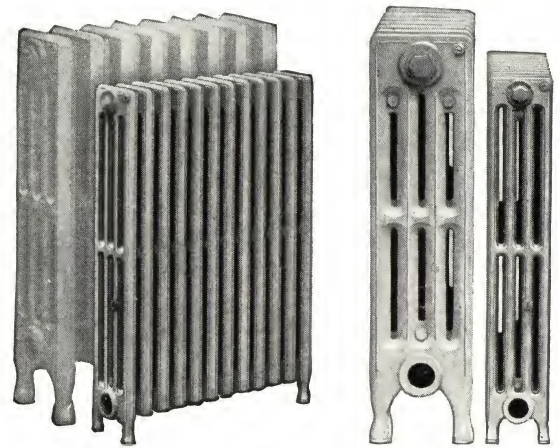
FIVE-TUBE

Number of Sections	* Length 1½ Ins. Per Section	19-inch Height	22-inch Height	25-inch Height	20-inch Height	23-inch Height	26-inch Height	32-inch Height
		1.1 Sq. Ft. Per Sec.	1.3 Sq. Ft. Per Sec.	1.5 Sq. Ft. Per Sec.	1.8 Sq. Ft. Per Sec.	2.1 Sq. Ft. Per Sec.	2.4 Sq. Ft. Per Sec.	3.0 Sq. Ft. Per Sec.
		0.733 Sq. Ft. Per Lineal In.	0.867 Sq. Ft. Per Lineal In.	1.000 Sq. Ft. Per Lineal In.	1.200 Sq. Ft. Per Lineal In.	1.400 Sq. Ft. Per Lineal In.	1.600 Sq. Ft. Per Lineal In.	2.000 Sq. Ft. Per Lineal In.
2	3	2.2	2.6	3	3.6	4.2	4.8	6
4	6	4.4	5.2	6	7.2	8.4	9.6	12
6	9	6.6	7.8	9	10.8	12.6	14.4	18
8	12	8.8	10.4	12	14.4	16.8	19.2	24
10	15	11.0	13.0	15	18.0	21.0	24.0	30
12	18	13.2	15.6	18	21.6	25.2	28.8	36
14	21	15.4	18.2	21	25.2	29.4	33.6	42
16	24	17.6	20.8	24	28.8	33.6	38.4	48
18	27	19.8	23.4	27	32.4	37.8	43.2	54
20	30	22.0	26.0	30	36.0	42.0	48.0	60
22	33	24.2	28.6	33	39.6	46.2	52.8	66
24	36	26.4	31.2	36	43.2	50.4	57.6	72
26	39	28.6	33.8	39	46.8	54.6	62.4	78
28	42	30.8	36.4	42	50.4	58.8	67.2	84
30	45	33.0	39.0	45	54.0	63.0	72.0	90
32	48	35.2	41.6	48	57.6	67.2	76.8	96
34	51	37.4	44.2	51	61.2	71.4	81.6	102
36	54	39.6	46.8	54	64.8	75.6	86.4	108
38	57	41.8	49.4	57	68.4	79.8	91.2	114
40	60	44.0	52.0	60	72.0	84.0	96.0	120
42	63	46.2	54.6	63	75.6	88.2	100.8	126
44	66	48.4	57.2	66	79.2	92.4	105.6	132
46	69	50.6	59.8	69	82.8	96.6	110.4	138
48	72	52.8	62.4	72	86.4	100.8	115.2	144
50	75	55.0	65.0	75	90.0	105.0	120.0	150

FOUR-TUBE

SIX-TUBE

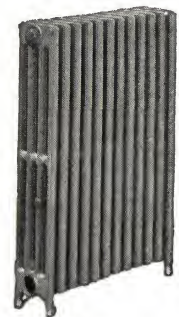
Number of Sections	* Length 1½ Ins. Per Section	19-inch Height	22-inch Height	25-inch Height	14-inch Height	17-inch Height	20-inch Height	26-inch Height
		1.4 Sq. Ft. Per Sec.	1.6 Sq. Ft. Per Sec.	1.8 Sq. Ft. Per Sec.	1.5 Sq. Ft. Per Sec.	1.8 Sq. Ft. Per Sec.	2.2 Sq. Ft. Per Sec.	2.9 Sq. Ft. Per Sec.
		0.933 Sq. Ft. Per Lineal In.	1.067 Sq. Ft. Per Lineal In.	1.200 Sq. Ft. Per Lineal In.	1 Sq. Ft. Per Lineal In.	1.2 Sq. Ft. Per Lineal In.	1.47 Sq. Ft. Per Lineal In.	1.93 Sq. Ft. Per Lineal In.
2	3	2.8	3.2	3.6	3.0	3.6	4.4	5.8
4	6	5.6	6.4	7.2	6.0	7.2	8.8	11.6
6	9	8.4	9.6	10.8	9.0	10.8	13.2	17.4
8	12	11.2	12.8	14.4	12.0	14.4	17.6	23.2
10	15	14.0	16.0	18.0	15.0	18.0	22.0	29.0
12	18	16.8	19.2	21.6	18.0	21.6	26.4	34.8
14	21	19.6	22.4	25.2	21.0	25.2	30.8	40.6
16	24	22.4	25.6	28.8	24.0	28.8	35.2	46.4
18	27	25.2	28.8	32.4	27.0	32.4	39.6	52.2
20	30	28.0	32.0	36.0	30.0	36.0	44.0	58.0
22	33	30.8	35.2	39.6	33.0	39.6	48.4	63.8
24	36	33.6	38.4	43.2	36.0	43.2	52.8	69.6
26	39	36.4	41.6	46.8	39.0	46.8	57.2	75.4
28	42	39.2	44.8	50.4	42.0	50.4	61.6	81.2
30	45	42.0	48.0	54.0	45.0	54.0	66.0	87.0
32	48	44.8	51.2	57.6	48.0	57.6	70.4	92.8
34	51	47.6	54.4	61.2	51.0	61.2	74.8	98.6
36	54	50.4	57.6	64.8	54.0	64.8	79.2	104.4
38	57	53.2	60.8	68.4	57.0	68.4	83.6	110.2
40	60	56.0	64.0	72.0	60.0	72.0	88.0	116.0
42	63	58.8	67.2	75.6	63.0	75.6	92.4	121.8
44	66	61.6	70.4	79.2	66.0	79.2	96.8	127.6
46	69	64.4	73.6	82.8	69.0	82.8	101.2	133.4
48	72	67.2	76.8	86.4	72.0	86.4	105.6	139.2
50	75	70.0	80.0	90.0	75.0	90.0	110.0	145.0



Compare the Size of the Old Type Radiator with the Burnham "Slenderized" Radiator — Both have the same capacity.



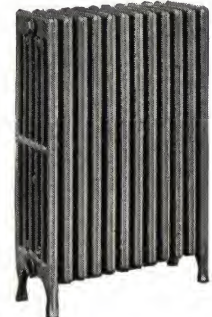
Three Tube
3¼" Wide



Four Tube
4⅞" Wide



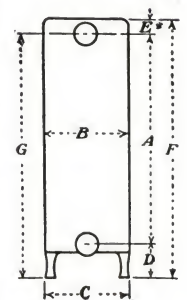
Five Tube
5⅞" Wide



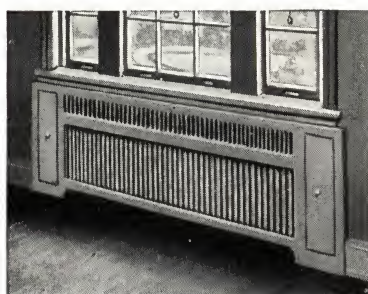
Six Tube
6⅞" Wide

DIMENSIONS

Size	Dimensions, in inches					
	A	B-C	D	E	F	G
26-6	21 7/8	6 1/8	3 1/2	1 1/8	26	24 1/8
20-6	15 7/8	6 1/8	3 1/2	1 1/8	20	18 1/8
17-6	12 7/8	6 1/8	3 1/2	1 1/8	17	15 1/8
14-6	9 7/8	6 1/8	3 1/2	1 1/8	14	12 1/8
32-5	27 7/8	5 1/8	3 1/2	1 1/8	32	30 1/8
26-5	21 7/8	5 1/8	3 1/2	1 1/8	26	24 1/8
23-5	18 7/8	5 1/8	3 1/2	1 1/8	23	21 1/8
20-5	15 7/8	5 1/8	3 1/2	1 1/8	20	18 1/8
25-4	21 7/8	4 7/8	2 1/2	1 1/8	25	23 1/8
22-4	18 7/8	4 7/8	2 1/2	1 1/8	22	20 1/8
19-4	15 7/8	4 7/8	2 1/2	1 1/8	19	17 1/8
25-3	21 7/8	3 7/8	2 1/2	1 1/8	25	23 1/8
22-3	18 7/8	3 7/8	2 1/2	1 1/8	22	20 1/8
19-3	15 7/8	3 7/8	2 1/2	1 1/8	19	17 1/8

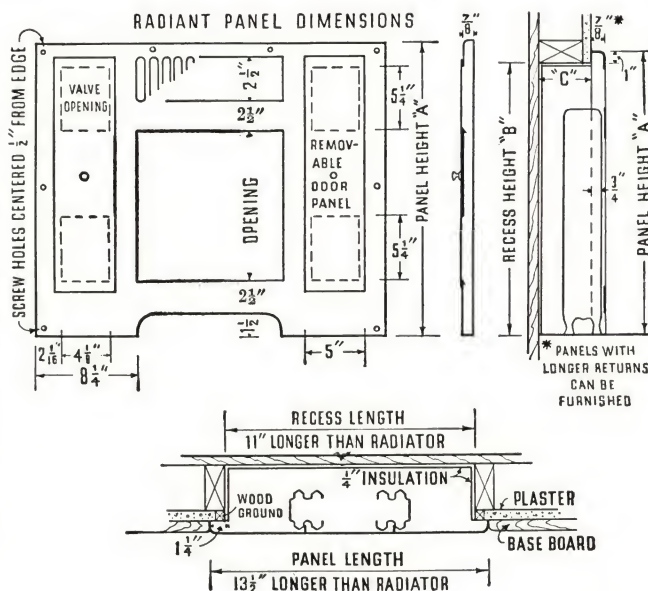


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The Panel Front for the Recessed Slenderized Radiator screws directly on wall. Extends in room less than an inch. Removable panels on sides for reaching control valve. Main grille is formed by exposed radiator itself giving radiant heat. Top grille gives convected heat.

Radiators must be centered lengthwise in recess.



Radiator Height	"A" Panel Height	"B" Recess Height
19" or 20"	23 $\frac{3}{4}$ "	22 $\frac{3}{4}$ "
22" or 23"	26 $\frac{3}{4}$ "	25 $\frac{3}{4}$ "
25" or 26"	29 $\frac{3}{4}$ "	28 $\frac{3}{4}$ "

Radiator Width	"C" Recess Depth
3 Tube	3¼" Min.
4 Tube	4⅜" Min.
5 Tube	5⅝" Min.

BURNHAM-SIMPLEX Gas Boilers may be installed in connection with the present radiators and piping. These boilers are constructed in accordance with the A. S. M. E. Code, and have been tested and approved under the recent and most rigid requirements of the American Gas Association Testing Laboratory.

BURNHAM-SIMPLEX Gas Boilers are equipped with dependable controls which supervise the operation of the heating plant with unflinching accuracy. A thermostatic pilot prevents the flow of gas to the burners unless the pilot is lighted. Steam pressure or water temperatures are always maintained within predetermined limits.

STEAM			WATER			STEAM AND WATER								
Steam Boiler No.	A.C.A. Steam Rating Sq. Ft.	Sq. Ft. Direct, C. I. Radn.	Water Boiler No.	A.G.A. Water Rating Sq. Ft.	Sq. Ft. Direct, C. I. Radn.	Output B.T.U.	Boiler H. P.	Gas Consumption Cu. Ft. per Hour		Dimensions			Water Line Inches	No. and Size Supp. and Ret. Tap-pings
								500 B.T.U. Gas	1000 B.T.U. Gas	Hgt. Ins.	W. Ins.	D. Ins.		
2-SS	290	185	2-SW	470	300	70,000	2.1	175	87	55	15¼	36	40½	2-4"
3-SS	550	355	3-SW	880	575	132,000	3.9	330	165	55	19¾	36	40½	2-4"
4-SS	770	500	4-SW	1230	815	184,000	5.5	460	230	55	24½	36	40½	2-4"
5-SS	1000	660	5-SW	1600	1085	240,000	7.2	600	300	55	29	36	40½	2-4"
6-SS	1250	830	6-SW	2000	1380	300,000	9.0	750	375	55	33½	36	40½	2-4"
7-SS	1500	1010	7-SW	2400	1670	360,000	10.7	900	450	55	38	36	40½	2-4"
8-SS	1750	1190	8-SW	2800	1960	420,000	12.5	1050	525	55	42¾	36	40½	2-4"
9-SS	2020	1390	9-SW	3230	2280	484,000	14.5	1210	605	55	49¾	36	40½	2-4"
10-SS	2250	1560	10-SW	3600	2555	540,000	16.1	1350	675	55	54¼	36	40½	2-4"
11-SS	2500	1740	11-SW	4000	2860	600,000	17.9	1500	750	55	58¾	36	40½	3-4"
12-SS	2750	1885	12-SW	4400	3145	660,000	19.7	1650	825	55	63½	36	40½	3-4"
13-SS	3000	2110	13-SW	4800	3430	720,000	21.5	1800	900	55	68	36	40½	3-4"
14-SS	3250	2290	14-SW	5200	3715	780,000	23.3	1950	975	55	72½	36	40½	3-4"
15-SS	3520	2490	15-SW	5630	4020	844,000	25.2	2110	1055	55	79½	36	40½	3-4"
16-SS	3750	2665	16-SW	6000	4290	900,000	26.9	2250	1125	55	84½	36	40½	3-4"
17-SS	4000	2860	17-SW	6400	4575	960,000	28.7	2400	1200	55	88¾	36	40½	3-4"
18-SS	4250	3040	18-SW	6800	4860	1,020,000	30.4	2550	1275	55	93¼	36	40½	4-4"
20-SS	4770	3405	20-SW	7630	5450	1,144,000	34.1	2850	1430	55	105	36	40½	4-4"
22-SS	5250	3750	22-SW	8400	6090	1,260,000	37.6	3150	1575	55	114	36	40½	4-4"

BURNHAM OIL BURNING CAST IRON BOILER

Designed Exclusively for Use with Oil—Summer-Winter Hot Water

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FOR USE WITH ANY GOOD GUN TYPE OIL BURNER

DESIGN

This highly efficient jacketed boiler is designed especially for securing greatest economy with oil fuel, and is not limited to use of any particular oil burner.

Equipped for all-year-around hot water supply with provision made for six automatic controls insuring positive action and safety.

CONSTRUCTION

Cast iron square sectional, encased in heavy gauge steel jacket, attractively finished in two tone grey. Jacket of boiler is heavily insulated against heat and sound. Everything is built-in. Controls are in burner division, reached through door at back. Refractory furnished with boiler, also water heater, low water cut-off and draft adjuster.

The combustion chamber is lined with a special refractory, or fire-resisting material. Once it is hot, it holds the heat for an unbelievably long time. This is of great importance in causing the oil spray to at once vaporize the instant the burner starts. Insures perfect combustion and freedom from soot or smoke. It is the old principle of the warm engine of your car starting easily and developing full power quickly.

EQUIPMENT FURNISHED

Steam Boilers—Water Heater, Low Water Cut-Off, Combustion Chamber Refractory, Metal Jacket (encloses Oil Burner and all controls), Steam Gauge, Safety Valve, Gauge Glass and Fittings, Try Cocks Adapter for Stackswitch and Flue Cleaning Brush. Draft Adjuster furnished on request.

Water Boilers—Water Heater, Draft Adjuster, Combustion Chamber Refractory, Metal Jacket (encloses Oil Burner and all controls), Altitude and Pressure Gauge, Thermometer, Adapter for Stackswitch and Flue Cleaning Brush. Draft Adjuster furnished on request.

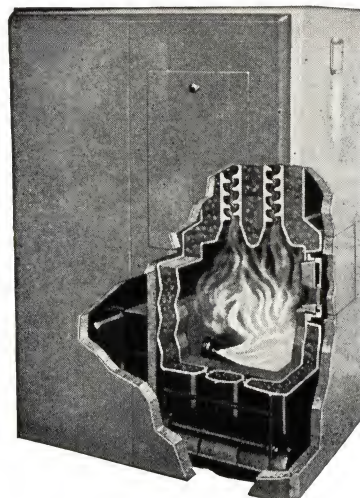
RATINGS

Steam		Water		*Water Heater Capacity Boiler 180°	Oil Req. to maintain Rated Capacity	No. & Size Sup. and Return Tappings
Boiler No.	Inst. Radn. Sq. Ft.	Boiler No.	Inst. Radn. Sq. Ft.			
SB	510	WB	820	66 Gals.	1.5 Gals.	2-3"
SC	760	WC	1220	66 Gals.	2.25 Gals.	2-3"
SD	960	WD	1540	66 Gals.	3.00 Gals.	2-3"

*Larger capacity water heaters can be supplied—See Price Sheet.

DIMENSIONS INCHES

Boiler No.	A	B		C	D	E		F	G	H	I	J	K	L	M	N	P	R	S	T	U
		Short Jacket	Long Jacket			Short Jacket	Long Jacket														
B	29"	40"	50"	58"	28"	19"	29"	18¾"	12¼"	15¼"	14½"	25½"	12⅝"	3"	11½"	5"	50½"	8"	46"	13"	5⅝"
C	29"	46"	56"	58"	28"	19"	29"	18¾"	13¼"	21¾"	17"	25½"	18¼"	3"	11½"	5"	50½"	9"	46"	13"	6⅛"
D	29"	52"	62"	58"	28"	19"	29"	18¾"	14"	27½"	20"	25½"	24¾"	3"	11½"	5"	50½"	11"	46"	13"	6⅞"



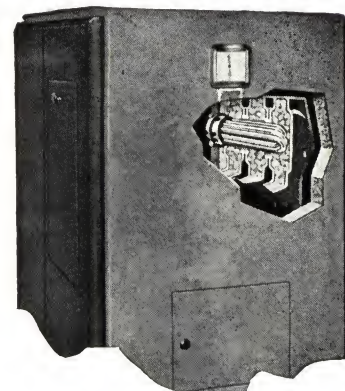
Note the strictly vertical flues and that the combustion chamber is completely surrounded by water. Also that Oil Burner is inside Jacket.



Showing convenient location of all controls when rear door of Jacket is removed. Note, too, that Oil Burner is protected from boiler heat by a heavy air cell insulating board.

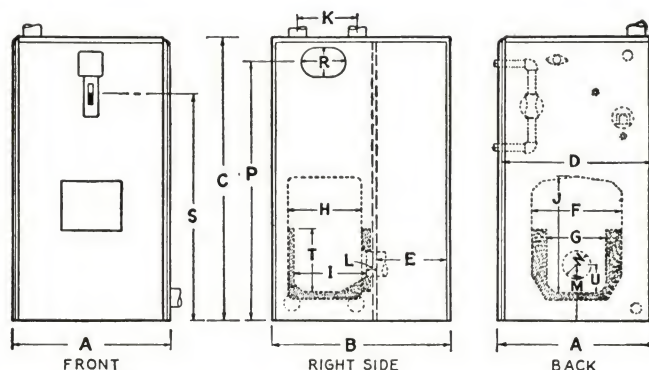


One of the intermediate or in-between sections where the temperature gases come in direct contact with the teeth hereon, so effectually that 1600 to 1800 degrees of heat is absorbed by the patented fin flue walls and given to the water in about 19 inches of fire travel.



Taco Built-In Water Heater extends into every section of Boiler at the hottest point just below water line.

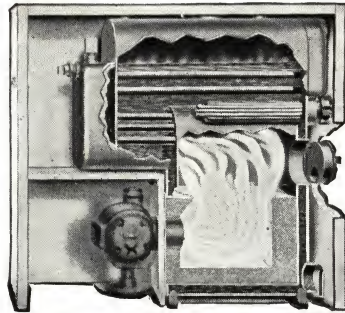
DIMENSIONS



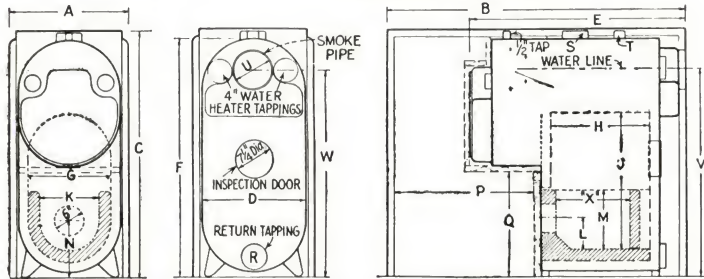
BURNHAM RESIDENCE TYPE

OB Series — Exclusively for Oil

WELDED STEEL BOILERS



Equipment Furnished with Water Boiler—Enclosing Jacket, Combustion Chamber Refractory, Combination Altitude Gauge and Thermometer, Storage Type Taco Coil—capacity 66 Gallons, Flue Brush. Draft Adjuster furnished on request.



This series is of a modern design, compact in size and highly efficient. Two pass tubular construction with combustion chamber completely surrounded by water.

Built in accordance with A.S.M.E. Code.

Equipment Furnished with Steam Boiler—Enclosing Jacket, Combustion Chamber Refractory, McDonnell Low Water Cut-Off, Steam Vacuum and Pressure Gauge, Water Gauge Glass, Cocks and Tri Cocks, Safety Valve, Pressure Relief Door, Taco Storage Type Coil—capacity 66 Gallons, Flue Brush. Draft Adjuster furnished on request.

RATINGS

Steam			Water			Heating Surface Sq. Ft.	Furnace Volume Cu. Ft.	Oil Req. Gallons per Hr.
Boiler No.	S.H. B.I. Rating Sq. Ft.	* Net Load Rating Sq. Ft.	Boiler No.	S.H. B.I. Rating Sq. Ft.	* Net Load Rating Sq. Ft.			
OB-50-S	500	385	OB-50-W	800	615	29.4	5.2	1.35
OB-70-S	750	578	OB-70-W	1200	925	44.1	5.2	1.65
OB-100-S	1000	771	OB-100-W	1600	1235	58.9	9.5	2.00
OB-120-S	1250	964	OB-120-W	2000	1545	73.5	9.5	2.50
OB-150-S	1500	1157	OB-150-W	2400	1855	88.2	13.2	3.50
OB-170-S	1750	1350	OB-170-W	2800	2165	102.9	13.2	4.50

DIMENSIONS — INCHES

No. Boiler	A	B	C	D	E	F	N	P	Q	R	S	T	U	V	W	X
50	24	59	49 1/2	22	45	48	11 1/2	29	22 1/4	4	4	1	8	41 3/4	39 1/2	Adjustable to flame
70	24	59	49 1/2	22	45	48	11 1/2	29	22 1/4	4	4	1 1/4	8	41 3/4	39 1/2	
100	29	64	56 1/2	27	50	55	12	29	25 1/4	4	4	1 1/4	9	48	46 1/2	
120	29	64	56 1/2	27	50	55	12	29	25 1/4	4	4	1 1/4	9	48	46 1/2	
150	32	69	59 1/2	30	59	58	13	29	26	5	5	1 1/4	10	50 1/2	48 1/4	
170	32	69	59 1/2	30	59	58	13	29	26	5	5	1 1/4	10	50 1/2	48 1/4	

BURNHAM CAST IRON

ROUND SECTIONAL BOILERS

FOR COAL, OIL, GAS, STOKER FIRING — NOT JACKETED

Ratings: Steam 200-1040 Sq. Ft. — Water 330-1720 Sq. Ft.

FOR SMALL AND MEDIUM SIZE RESIDENCES

Small Stores, 2 Apartment Buildings, etc.

EQUIPMENT FURNISHED

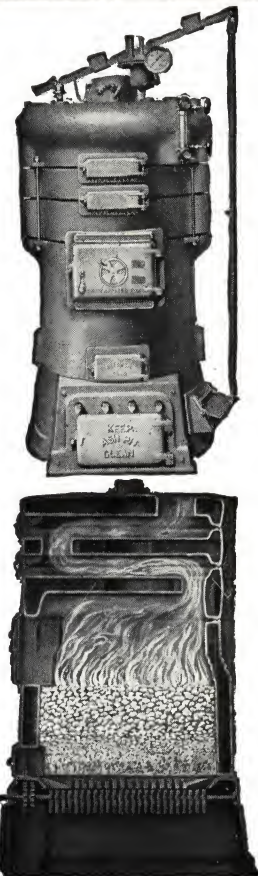
Steam Boilers—Steam Gauge, Safety Valve, Gauge Glass and Fittings, Try Cocks, Automatic Damper Regulator, Set of Firing Tools consisting of Hoe, Poker and Flue Cleaning Brush.

Water Boilers—Set of Firing Tools consisting of Hoe, Poker and Flue Cleaning Brush.

Note—20", 23", 26" and 29" Boilers can be furnished with flat grates when so ordered.

RATINGS (For Coal, Oil, Gas or Stoker)

Boiler No.	Steam Rating Square Feet			Boiler No.	Water Rating Square Feet			Steam and Water				
	Installed Radiation	Hgt. Ins.	Dia. Ins.		Installed Radiation	Hgt. Ins.	Dia. Ins.	Dia. Comb. Chamb.	Gals. Oil per Hour	Chimney Size		Sup. & Ret. Tappings, Inches
S-1804	200	48	26	W-1804	330	42	26	18"	—	8x 8	30	2-2 1/2
S-1805	220	53	26	W-1805	360	47	26	18"	.90	8x 8	30	2-2 1/2
S-1806	240	58	26	W-1806	390	52	26	18"	1.00	8x 8	30	2-2 1/2
S-2004	260	49	28	W-2004	430	43	28	20"	—	8x 8	30	2-3
S-2005	290	54	28	W-2005	480	48	28	20"	1.00	8x 8	30	2-3
S-2006	320	59	28	W-2006	530	53	28	20"	1.17	8x 8	30	2-3
S-2304	340	51	31	W-2304	560	45	31	23"	—	8x 8	30	2-3
S-2305	380	57	31	W-2305	625	50	31	23"	1.50	8x 8	30	2-3
S-2306	420	62	31	W-2306	690	55	31	23"	1.67	8x 8	35	2-3
S-2604	520	52	34	W-2604	860	45	34	26"	—	8x 8	35	2-3 1/2
S-2605	570	58	34	W-2605	940	51	34	26"	2.00	8x 8	35	2-3 1/2
S-2606	620	63	34	W-2606	1020	56	34	26"	2.16	8x 8	35	2-3 1/2
S-2904	690	54	37	W-2904	1140	47	37	29"	—	10x10	35	2-4
S-2905	750	59	37	W-2905	1240	52	37	29"	2.53	10x10	35	2-4
S-2906	810	64	37	W-2906	1340	57	37	29"	2.73	10x10	40	2-4
S-31-4	900	56	41	W-31-4	1480	49	41	31"	—	11x11	40	2-4
S-31-5	970	62	41	W-31-5	1600	54	41	31"	3.00	11x11	45	2-4
S-31-6	1040	67	41	W-31-6	1720	60	41	31"	3.50	11x11	45	2-4



BURNHAM CAST IRON SQUARE SECTIONAL BOILERS

Coal or Oil Burning—Jacketed or Unjacketed

26
5

Capacities: Steam 220-4920 Sq. Ft. Steam Radiation
Water 340-7880 Sq. Ft. Hot Water Radiation

The superiority of this type of construction has been proven by years and years of unequalled service.

The combination of features herein listed provide for safe, economical and dependable performance.

A minimum of six (6) small balanced flueways

Tube-type rounded surface construction

Rust-proof section assembly

Short tie-bolts sections

Large nipple openings for faster circulation

Interchangeable sections

Extra heavy construction

Double-trussed, ridge-shaped grates

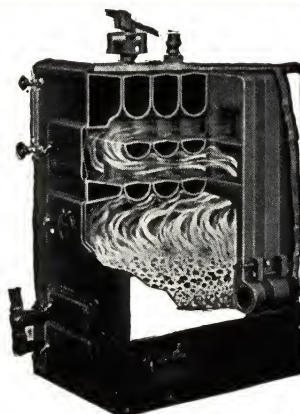
Clean-out doors all at front

Large fire doors

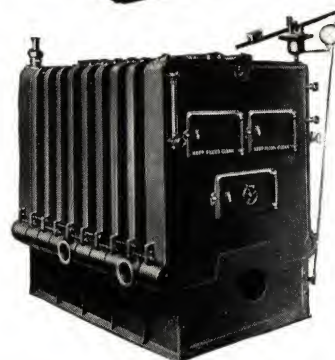
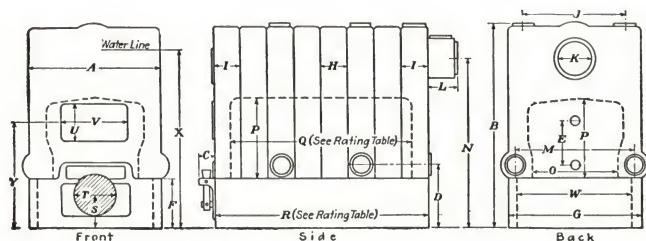
Ample size combustion chamber

Large steam generating area

Boilers tapped for hot water heaters and water feeders.



Jacketed No. 1 Series
For coal or oil



MEASUREMENTS

Series	A	B	C	D	E	F	G	H	I	J†	K	L	M†	N	O	P	S*	T*	U	V	W	X	Y
17"	24½	48	5	13	10	10	29	4	6	15¾	9	13½	17	39	17½	16	9½	7½	8	14	25	39	24
21"	29½	52½	5	16	10	13	25½	5	5	.....	10	4½	.....	40¾	21	17½	9½	7½	8	14	21½	43¼	27½
27"	36½	58	5	17	10½	14	36½	6	6	.....	12	5½	.....	46	27	19¾	9½	7½	9	16	32½	47	30
36"	46	65	5	17½	10½	14	41	6	7	.....	15	7½	.....	48½	36	23½	9½	7½	10	17½	36½	52	31½

* Apply to Oil Burning Boilers only.

† Apply to 17" Series only.

RATINGS (For Coal, Oil, Gas or Stoker)

Steam			Steam and Water				Water		
Jacketed Boiler No.	Un-jacketed Boiler No.	Installed Radiation sq. ft.	Supply and return tappings, in.	Grate area sq. ft.	Over-all length, in.	Chimney size in.—ft.	Installed Radiation sq. ft.	Un-jacketed Boiler No.	Jacketed Boiler No.
Coal or *Oil									
17-inch Series									
53-S	531-S	220	2-3	1.5	36½	8x 8x30	340	531-W	53-W
63-S	631-S	295	2-3	2.0	40½	8x 8x30	465	631-W	63-W
74-S	741-S	370	2-3	2.5	44½	8x 8x30	590	741-W	74-W
84-S	841-S	445	2-3	3.0	48½	8x12x35	715	841-W	84-W
95-S	951-S	520	2-3	3.5	52½	8x12x35	840	951-W	95-W
105-S	1051-S	595	2-3	4.0	56½	8x12x35	965	1051-W	105-W
116-S	1161-S	670	2-3	4.5	60½	8x12x40	1090	1161-W	116-W
126-S	1261-S	745	2-3	5.0	64½	8x12x40	1215	1261-W	126-W
21-inch Series									
2-S- 6	2106-S	625	2-3	4.01	40	12x12x35	1000	2106-W	2-W- 6
2-S- 7	2107-S	775	2-3	4.74	45	12x12x35	1240	2107-W	2-W- 7
2-S- 8	2108-S	925	3-3	5.47	50	12x12x40	1480	2108-W	2-W- 8
2-S- 9	2109-S	1075	3-3	6.20	55	12x12x40	1720	2109-W	2-W- 9
2-S-10	2110-S	1225	3-3	6.93	60	12x16x40	1960	2110-W	2-W-10
2-S-11	2111-S	1375	4-3	7.66	65	12x16x40	2200	2111-W	2-W-11
27-inch Series									
3-S- 6	2706-S	1000	2-4	5.86	47½	12x12x40	1600	2706-W	3-W- 6
3-S- 7	2707-S	1250	2-4	6.98	53½	12x16x40	2000	2707-W	3-W- 7
3-S- 8	2708-S	1500	2-4	8.11	59½	16x16x45	2400	2708-W	3-W- 8
3-S- 9	2709-S	1750	3-4	9.23	65½	16x16x50	2800	2709-W	3-W- 9
3-S-10	2710-S	2000	3-4	10.34	71½	16x20x50	3200	2710-W	3-W-10
3-S-11	2711-S	2250	3-4	11.48	77½	16x20x55	3600	2711-W	3-W-11
3-S-12	2712-S	2500	4-4	12.61	83½	20x20x60	4000	2712-W	3-W-12
36-inch Series									
.....	3606-S	1500	2-4	8.13	52	16x20x45	2400	3606-W	.....
.....	3607-S	1880	3-4	9.63	58	16x20x50	3010	3607-W	.....
.....	3608-S	2260	3-4	11.13	64	20x20x50	3610	3608-W	.....
.....	3609-S	2640	3-4	12.63	70	20x20x50	4220	3609-W	.....
.....	3610-S	3020	3-4	14.13	76	20x20x55	4830	3610-W	.....
.....	3611-S	3400	4-4	15.63	82	20x20x55	5440	3611-W	.....
.....	3612-S	3780	4-4	17.13	88	20x24x60	6050	3612-W	.....
.....	3613-S	4160	5-4	18.63	94	24x24x60	6660	3613-W	.....
.....	3614-S	4540	5-4	20.13	100	24x24x60	7270	3614-W	.....
.....	3615-S	4920	5-4	21.63	106	24x24x60	7880	3615-W	.....

*When boilers are wanted for oil burning, use boiler numbers as shown, preceded by the letter "O."



Square Sectional Conversion
Boiler Equipped for Oil

By changes in base can be used for coal

Conversion Boiler

This boiler for oil burning can, by changes in the base, be easily converted for burning coal in case of coal becoming cheaper than oil, or for any objection to oil.

Smokeless

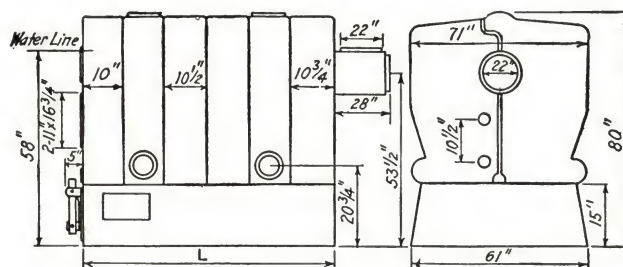
Smokeless Ratings and Data same as regular coal burning boilers. When Smokeless Boilers are wanted, use numbers as shown, preceded by the letter "S."

BURNHAM CAST IRON SQUARE SECTIONAL BOILERS

50" Twin Section Series—For Coal, Oil, Gas, Stoker Firing



Its looks deceive you. Looks as if it was no larger than the 36 inch. Looks that way, because of its *right proportions*. It is square shouldered and broad chested, just as you would expect of such a husky. The water boiler stands only 80 inches high over all. Is 71 inches wide.



Capacities: Steam 5000-14600 Sq. Ft.

Water 8000-23360 Sq. Ft.

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RATINGS—COAL FIRED

Boiler No.	Steam Rating Sq. Ft.	Boiler No.	Water Rating Sq. Ft.	Steam and Water						
	Installed Radiation		Installed Radiation	No. of Sections	Sup. & Ret. Tappings Inches	Grate Area Sq. Ft.	Size of Grate Inches	Chimney-Size		L Length Base
5006-S	5000	5006-W	8000	6	3-5	19.27	50x 53½	24x28	70	63
5007-S	6200	5007-W	9920	7	3-5	22.92	50x 66	24x28	75	73½
5008-S	7400	5008-W	11840	8	4-5	26.56	50x 76½	24x28	80	84
5009-S	8600	5009-W	13760	9	4-5	30.20	50x 87	24x28	85	94½
5010-S	9800	5010-W	15680	10	5-5	33.85	50x 97½	30x36	85	105
†5011-S	11000	†5011-W	17600	11	5-5	37.50	50x108	30x36	95	115½
†5012-S	12200	†5012-W	19520	12	5-5	41.15	50x118½	30x36	100	126
†5013-S	13400	†5013-W	21440	13	5-5	44.80	50x129	36x36	100	136½
†5014-S	14600	†5014-W	23360	14	5-5	48.45	50x139½	36x36	100	147

† 10 Grates and Bridgwall furnished with these sizes.

BURNHAM FIRE TUBE WELDED STEEL BOILERS

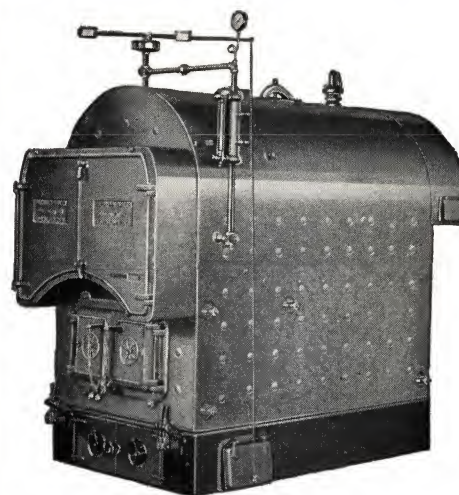
Compact Series—For Coal, Oil, Gas, Stoker or Smokeless

RATINGS

Hand Fired		Oil or Gas Fired		Stoker Fired High Firebox		Heating Surface Sq. Ft.	Grate Area Sq. Ft.	Water Line		Height Boiler Inches	
Boiler No.	S.H.B.I. Rating Sq. Ft.	Boiler No.	S.H.B.I. Rating Sq. Ft.	Boiler No.	S.H.B.I. Rating Sq. Ft.			Hand Gas or Oil Fired	Stoker Fired High Firebox	Coal Oil Gas	High Fire-box
36- 48	1800	36- 48	2190	A- 48	2190	129	7.9	57½"	60"	67 7/8"	70 3/8"
36- 58	2200	36- 58	2680	A- 58	2680	158	8.9	57½"	60"	67 7/8"	70 3/8"
36- 68	2600	36- 68	3160	A- 69	3160	186	9.7	57½"	61"	67 7/8"	71 3/8"
36- 78	3000	36- 78	3650	A- 79	3650	215	10.5	57½"	61"	67 7/8"	71 3/8"
42- 61	3500	42- 61	4250	B- 61	4250	250	11.4	66"	72¼"	81"	87¼"
42- 69	4000	42- 69	4860	B- 70	4860	286	12.2	66"	72¼"	81"	87¼"
42- 78	4500	42- 78	5470	B- 78	5470	322	13.4	66"	72¼"	81"	87¼"
42- 86	5000	42- 86	6080	B- 87	6080	358	14.5	66"	72¼"	81"	87¼"
48- 89	6000	48- 89	7290	C- 90	7290	420	16.4	68¼"	73¾"	82¾"	86 7/8"
48-104	7000	48-104	8500	C-104	8500	500	18.1	68¼"	73¾"	82¾"	87 7/8"
54- 88	8500	54- 88	10330	D- 87	10330	608	20.5	80½"	88½"	97"	105
54-103	10000	54-103	12150	D-102	12150	715	22.5	80½"	90½"	97"	107
60- 96	12500	60- 96	15180	E- 96	15180	893	25.6	90½"	100¼"	107½"	117¼"
60-114	15000	60-114	18220	E-114	18220	1072	28.4	90½"	103¼"	107½"	120¼"
66-118	17500	66-118	21250	F-118	21250	1250	30.9	92¾"	109¾"	111	126
72-121	20000	72-121	24290	G-121	24290	1429	33.2	95"	110½"	113¾"	129¼"
78-138	25000	78-138	30360	H-137	30360	1786	37.4	95½"	117¾"	116¾"	139
84-118	30000	84-118	36430	J-118	36430	2143	41.2	113"	141"	136	164
84-137	35000	84-137	42500	J-137	42500	2500	44.7	113"	148"	136	171

Note—First set of numbers in Boiler No. indicates width; second, length of shell.

Capacities: Steam 1800-42500 Sq. Ft.

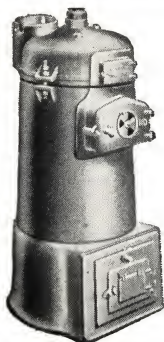


These electrically welded compact Steel Boilers are built in accordance with the A.S.M.E. Code and are rated in conformity with the Steel Heating Boiler Institute Code for rating low pressure boilers. Heating surface shown does not include bridge wall.

BURNHAM HOT WATER SUPPLY BOILERS

Test Pressure 300 lbs.—Working Pressure 120 lbs.

26
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This is how Nos. 110, 112 and 114 look. Made in two sections and does a real job with very little fuel and bother.

These boilers are particularly adapted for furnishing hot water to residences, apartment houses, office buildings, hospitals, stores, theatres, restaurants.

DIMENSIONS AND RATINGS — ROUND SERIES

Boiler Size →	*110	*112	*114	H-1804	H-1805	H-2004	H-2005	H-2304	H-2305
Gallons Capacity—100° Rise 6 Hrs.....	175	275	375	550	700	800	950	1100	1300
Rating, sq. ft.	125	200	300	550	600	725	810	990	1115
Diameter Grate, inches.....	10	12	14	18	20	20	23	23	23
Overall Height, inches.....	33¼	36¾	39	42¼	47½	43¼	48½	45	50¼
Diameter Base, inches.....	16	18	20	26	26	28	28	31	31
Height Base, inches.....	9½	10½	11¼	11½	11½	12	12	13	13
Center Floor to Return Line Tapping, in.	11½	12¼	14¼	14¼	14¼	14¼	14¼	16	16
Diameter Smoke Box, inches.....	5	5	7	7	7	7	7	8	8
Dimension Rear of Smoke Box to Center of Supply Tapping, inches.....	8¾	9½	11	.....	.....	.....	.....	.....	.....
Size Supply Tapping, inches.....	2	2	2½	2½	2½	3	3	3	3
Size Return Tapping, inches.....	2	2	2½	2½	2½	3	3	3	3
Outside Diameter Firepot, inches.....	14	16	18	20¼	20¼	22½	22½	25½	25½

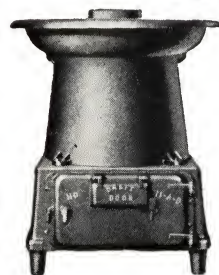
*Brass water sections can be furnished in sizes 11, 110, 112 and 114.



RATINGS — SQUARE SERIES

Series	Boiler No.	Gallons rating—100°			Number of Families	Grate, in.	Grate area, sq. ft.	Number sup. and ret. tappings, in.	Length of comb. chamb., in.	Length of base, in.
		6 hours	3 hours	1 hour						
17 Inch	H-631	1000	500	167	15	17½x16	2.0	2-3	16	22
	H-741	1300	650	217	20	17½x20	2.5	2-3	20	26
	H-841	1600	800	267	25	17½x24	3.0	2-3	24	30
	H-951	1900	950	317	30	17½x28	3.5	2-3	28	34
	H-1051	2200	1100	367	35	17½x32	4.0	2-3	32	38
21 Inch	H-2105	1700	850	280	28	21x22½	3.28	2-3	22½	26
	H-2106	2100	1050	350	35	21x27½	4.01	2-3	27½	31
	H-2107	2500	1250	420	42	21x32½	4.74	2-3	32½	36
	H-2108	2900	1450	490	49	21x37½	5.47	2-3	37½	41
	H-2109	3300	1650	560	56	21x42½	6.20	2-3	42½	46
27 Inch	H-2110	3700	1850	630	63	21x47½	6.93	2-3	47½	51
	H-2706	3900	1950	651	65	27x31½	5.86	2-4	31½	37
	H-2707	4400	2200	734	73	27x37½	6.98	2-4	37½	43
	H-2708	4900	2450	817	81	27x43½	8.11	2-4	43½	49
	H-2709	5400	2700	900	89	27x49½	9.23	2-4	49½	55
36 Inch	H-2710	5900	2950	983	97	27x55½	10.34	2-4	55½	61
	H-2711	6400	3200	1066	105	27x61½	11.48	2-4	61½	67
	H-3606	5000	2500	834	85	36x32½	8.13	2-4	32½	39
	H-3607	6000	3000	1000	100	36x38½	9.63	2-4	38½	45
	H-3608	7000	3500	1167	115	36x44½	11.13	2-4	44½	51
	H-3609	8000	4000	1333	130	36x50½	12.63	2-4	50½	57
	H-3610	9000	4500	1500	145	36x56½	14.13	2-4	56½	63
	H-3611	10000	5000	1666	160	36x62½	15.63	2-4	62½	69
	*H-3612	11000	5500	1833	175	36x68½	17.13	2-4	68½	75
	*H-3613	12000	6000	2000	190	36x74½	18.63	2-4	74½	81
	*H-3614	13000	6500	2166	220	36x80½	20.13	2-4	80½	87
	*H-3615	14000	7000	2333	250	36x86½	21.63	2-4	86½	93

*10 grates and bridgwall furnished with these sizes.



This little fellow is the No. 11 and an honest to goodness husky. Weighs 200 pounds with deep firepot and three (3) triangular revolving grates.

Capacity, gals....60 to 100
Tappings, 1" Flow and
Return, Height, in... 23
Depth of Fire Pot, in. 11½
Pipe Collar, in..... 5

Diam. of Top, in..... 20
Diam. of Lids—one, in. 9
Two-half of, in..... 9
Diam. of Grate, in.... 11

BURNHAM—TACO TANKS

SPECIFICATIONS

Capacity Gallons	TANK				TACO			Gallons Water Heated 100 Rise in 3 Hours	
	Size	Conne- ctions	Shell No. *	Head No. *	No.	Heating Surface Sq. Ft.	Conne- ctions	Boiler 180°	Boiler 212°
40	14x60"	6-1"	10	7	4-48	6	2"	120	240
66	18x60"	6-1"	10	7	4-48	6	2"	120	240
82	20x60"	6-1½"	10	7	4-60	7½	2"	150	300
100	22x60"	6-1½"	9	7	4-60	7½	2"	150	300
120	24x60"	6-1½"	7	¼"	4-60	7½	2"	150	300
144	24x72"	6-1½"	7	¼"	4-72	9	2"	180	360
180	30x60"	6-2"	7	¼"	7-36	14	3"	280	560
220	30x72"	6-2"	5	¼"	7-36	14	3"	280	560
250	30x84"	6-2"	5	¼"	7-36	14	3"	280	560
315	36x72"	6-2"	¼"	½"	7-48	19	3"	380	760
365	36x84"	6-2"	¼"	½"	7-48	19	3"	380	760
420	36x96"	6-2"	¼"	½"	7-60	23½	3"	470	940
500	42x84"	6-2"	¼"	¾"	7-72	28	3"	560	1120

*Does not apply to Copper or Everdur Tanks.

Galvanized (Copper Bearing Steel).....
Copper or Everdur

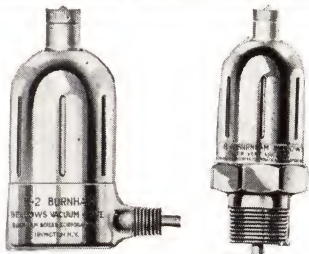
Test Pressure
300 lbs.
250 lbs.

Working Pressure
127½ lbs.
106¼ lbs.



Designed to heat water all year 'round, summer or winter, when connected to an Oil, Gas or Stoker Fired, Steam, Vapor or Hot Water Heating System.
Stand furnished at extra cost

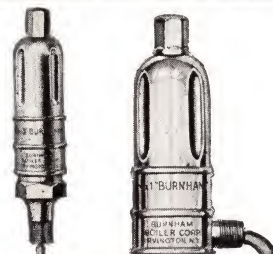
BURNHAM AIR AND VACUUM VALVES — Save Fuel



Vacuum Bellows Type
No. B2 No. B4

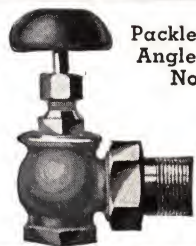
Burnham Adjustable Air and Vacuum Valves

are so simple that anyone can operate them. The homeowner can easily study and balance his heating system. No tools are necessary. There are no caps to remove, no screws to loosen, no gear shifting. Just a turn of the visible, graduated adjustment and the job's done. The heating contractor need not keep returning to the job to re-balance the system. The cap is so designed that it cannot be shut off completely.



Non Vacuum
No. 3 No. 1

BURNHAM RADIATOR VALVES — Packless and Packed Types



Packless Type
Angle Steam
No. 23

Burnham valves have for many years enjoyed an enviable reputation among the trade.

They are all constructed of extra heavy brass, and nickel plated. Rough bodies and polished trimmings.

Burnham Packless Valves will never need repacking and are so constructed that they can not leak around the stem.

Burnham Packless Valves are of the quick opening type, carefully manufactured and tested.



Packed Type
Angle Water
No. 142

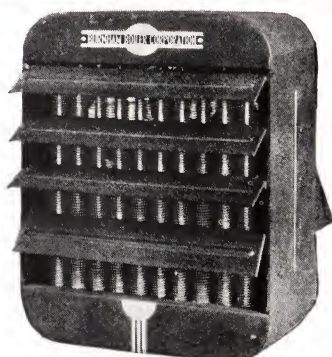
BURNHAM FLEXIBLE HEADERS, HEATERS, CONNECTORS



The enlarged view shows clearly how the flexible bellows can be offset in any direction to meet variation in section tapings. Cut at right shows the combination cast iron header with Taco coil inserted for hot water supply. Furnished with 1 rigid union and flexible connectors, ready to be attached to a boiler.



UNIT HEATERS BURNHAM FAN COOLER



Unit Heater

Burnham quiet operation Unit Heaters. Individual spiral fin copper tubes brazed into heavy all copper headers and then tinned to insure a permanent bond of fins and tubes. Compensated tube expansion prevents strain to the element.

Fan Cooler Specifications

Fan Coolers have been tested and rated in accordance with the American Society of Heating and Ventilating Engineer's Fan Test Code.

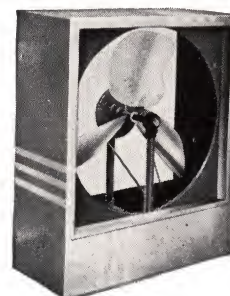
Unit No.	E.D.R. Sq. Ft. **	B.T.U. Per Hour Air Enter, at 60° 2 lbs. Steam	C.F.M. at 70°	R.P.M.	Unit No.	E.D.R. Sq. Ft. **	B.T.U. Per Hour Air Enter, at 60° 2 lbs. Steam	C.F.M. at 70°	R.P.M.	Unit No.	E.D.R. Sq. Ft. **	B.T.U. Per Hour Air Enter, at 60° 2 lbs. Steam	C.F.M. at 70°	R.P.M.
10E	100 *80 *65	24,000 19,200 15,600	535 440 360	1500 1000 600	16A	240 192 *156	57,500 46,000 37,400	850 680 560	1140 800 600	21D	540 433 *352	130,000 104,000 84,400	1700 1360 1100	1140 800 600
12A	137 *110 *90	33,000 26,400 21,500	700 570 460	1500 1000 600	16H	275 220 *179	66,000 52,800 42,900	1000 800 650	1140 800 600	24D	700 563 *458	169,000 135,200 109,900	2600 2100 1700	1140 800 600
12E	146 119 *97	35,700 28,600 23,200	680 554 450	1140 800 600	16B	336 270 *219	80,900 64,700 52,500	1380 1100 900	1140 800 600	24C	830 663 *539	199,000 159,200 129,300	2700 2150 1750	1140 800 600
12E	170 136 *110	40,800 32,700 26,500	830 680 560	1750 1200 800	17D	367 294 *239	88,200 70,500 57,300	1100 880 720	1140 800 600	24E	900 725 *589	217,000 174,100 141,400	3000 2400 1950	1140 800 600
14E	205 163 *133	49,000 39,200 31,800	900 720 590	1140 800 600	18B	460 367 *298	110,000 88,000 71,500	1500 1200 980	1140 800 600	2 E	1030 823 *668	247,000 197,600 160,400	4000 3200 2600	1140 800 600

*Obtainable with three speed motors only.

**To find pounds condensate per hour, divide E.D.R. ratings by 4.

Size	30"	39"	45"
Capacity	7,000 CFM	10,000 CFM	14,000 CFM
House size:			
Southern	7,000 cu. ft.	10,000 cu. ft.	14,000 cu. ft.
Northern	11,000 cu. ft.	15,000 cu. ft.	21,000 cu. ft.
Speed	510 RPM	370 RPM	310 RPM
Motor	1/4 HP	1/3 HP	1/2 HP
Power	295 Watts	350 Watts	550 Watts
Weight	120 lbs.	200 lbs.	275 lbs.

The standard Burnham Fan Cooler, used as the basic unit of all models. By adding the proper equipment, it can be converted to any model for ventilating and circulating purposes.



Burnham has a three-quarters of a century background in designing and making heating equipment.

Five separate plants in different parts of the country.

Fifteen warehouses and sales offices located at advantageous points.

Burnham Boiler Corporation

IRVINGTON, N. Y.

ZANESVILLE, OHIO

Warehouses and Sales Offices

Baltimore, Md.1201 Haubert Street
Boston, Mass. (Cambridge)

Chicago, Ill.298 Albany Street
Geneva, N. Y.1038 South Kolmar Avenue
Elizabeth, N. J.Gates Avenue
Irrington, N. Y.701 Spring Street
CANADA—Toronto

Harbour Commission Building

Lancaster, Pa.Dillerville Road
Long Island City.....25-19 Borden Avenue
Philadelphia, Pa.31st & Jefferson Streets
Pittsburgh, Pa.301 Brushton Avenue
Queens Village, L. I.

Springfield, Mass.222nd Street & L. I. R. R.
Zanesville, Ohio153 Plainfield Street
CHINA—ShanghaiLicking View
.....151 Avenue Foch

Plants

Elizabeth, N. J. Lancaster, Pa. Zanesville, Ohio
Irrington, N. Y. Geneva, N. Y.

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Burnham Boiler Corporation
IRVINGTON, NEW YORK